



Substitute for form 1449/PTO				Complete if Known			
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	Not yet assigned		
				Filing Date	March 11, 2004		
				First Named Inventor	Dyer		
				Group Art Unit	Not yet assigned		
				Examiner Name	Not yet assigned		
Sheet	1	of	3	Attorney Docket Number	128346.60601		
<b>U.S. PATENT DOCUMENTS</b>							
Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number	Kind Code (if known)				
		3,662,734		Sisler	05-16-1972		
		4,284,449		Stone	08-18-1981		
		4,684,555		Neumeyer	08-04-1987		
		4,712,858		Presby	12-15-1987		
		5,366,015		Surjaatmadja et al.	11-22-1994		
		5,404,741		Borttscheller et al.	04-11-1995		
		5,927,240		Maxon	07-27-1999		
		5,993,303		Fladgard et al.	11-30-1999		
		6,041,860		Nazzal et al.	03-28-2000		
		6,044,919		Briese	04-04-2000		
		6,049,987		Robell	04-18-2000		
		6,073,524		Weiss et al.	06-13-2000		
		6,099,638		Garcia	08-08-2000		
		6,102,026		Fladgard et al.	08-15-2000		
		6,106,655		Moser	08-22-2000		
		6,135,680		Szuba et al.	10-24-2000		
		6,171,016		Pauls et al.	01-09-2001		
		6,250,998		Fladgard et al.	06-26-2001		
		6,315,502		Maurer	11-13-2001		
		6,334,775		XU et al.	01-01-2002		
		6,401,707		Fladgard et al.	06-11-2002		
		D443,806		Fladgard et al.	06-19-2001		
		US 2002/0066447	A1	Gaidjiorgis et al.	06-06-2002		
		US 2002/0101112	A1	Gatton et al.	08-01-2002		
		US 2003/0019489	A1	Ogata	01-30-2003		
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner's Initials	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Office	Number				
		JP	11000895		Murase Mamoru et al.	01-06-1999	Abstract
		JP	10046585		Iwai Hideo et al.	02-17-1998	Abstract
		JP	09291708		Fukuoka Katsumi	11-11-1997	Abstract
		JP	07004585		Alain Lacombe et al.	01-10-1995	Abstract
		JP	06008065		Michael Borttscheller et al.	01-18-1994	Abstract
		WO	94/09725	A1	Turanyi et al.	05-11-1994	
		WO	95/15849	A1	Anderson et al.	06-15-1995	
		WO	96/37005	A1	Spear et al.	11-21-1996	
		WO	98/02638	A1	Nazzal et al.	01-22-1998	
		WO	98/38918	A1	Beyar et al.	09-11-1998	
		WO	92/00182	A1	De Jager	01-09-1992	
		WO	91/18563	A1	Kelman et al.	12-12-1991	

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Sheet	2	of	3		

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FOREIGN PATENT DOCUMENT							
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>			
9		WO	86/07008	A1	Brown	12-04-1986	
		WO	91/17280	A1	Newkirk et al.	11-14-1991	
		WO	92/15407	A1	Hood et al.	09-17-1992	
		WO	92/20954	A1	Berglund	11-26-1992	
		WO	94/08218	A1	Fetto	04-14-1994	
		WO	02/081840	A1	Colada	10-17-2002	
		WO	02/43894		Saebi	06-06-2002	
		WO	02/36902		Park et al.	05-10-2002	
		WO	91/17011	A1	Hannon et al.	11-14-1991	
		WO	91/13462	A1	Keck et al.	09-05-1991	
		WO	92/22259	A2	Hood et al.	12-23-1992	
		WO	00/43179	A1	Dassoulas et al.	07-27-2000	
	EP	0 473 926	B1	Hart et al.	03-07-1996		
	EP	0 633 087	B1	Gahlert et al.	05-19-1999		

Examiner Signature		Date Considered	 6/27/03
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, cite and/or country where published.	T <sup>2</sup>
<i>[Signature]</i>		Engineering Fundamentals, 2003, www.efunda.com.	
		Compax Tool Blanks Technote, "Machining Metal Matrix Composites (Aluminum w/20% SiC) with Compax Diamond Tool Blanks", GE Superabrasives, August 24, 1992.	

Examiner Signature	<i>[Signature]</i>	Date Considered	<i>6/24/04</i>
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